



S E P T E M B E R 2 0 1 5



# @ the Bradbury

Special News & Events



## Museum Now Offering Public WiFi

This is the age of BYOD (Bring Your Own Device) and now you can use it via free public WiFi at the Bradbury. The museum is thrilled to announce that beginning in September, it will offer this service in its galleries.

"We know that our visitors want to use their smart phones and tablets to share spontaneously on social media about their visit," said Linda Deck, the Bradbury's director. Omar Juveland, the museum's exhibits designer, also comments, "We will help them direct their learning by suggesting links they can access right there that supplement our exhibits."

Check out all of these capabilities next time you visit the Bradbury, and BYOD!

## Save the Date!

SEPT  
12

### Scientists in the Spotlight 11:00 AM to 1:00 PM

- Visit the "Explodatorium" to learn about how we use high-speed photography and radiography to understand explosives.
- Try your hand at low-temperature welding to see how different metals mix.

SEPT  
17

### Science On Tap: Understanding HIV and Infectious Diseases with Ruy Ribeiro

5:30 PM to 7:00 PM  
@ UnQuarked Wine Room  
145 Central Park Square  
Los Alamos, New Mexico

SEPT  
24

### Fourth Friday Downtown: Museum Open Late

Until 6:00 PM  
Tour the museum, check out new exhibits and try our new free public WiFi.

## Featured this Month: Jason Cooley and Barry Warthen



On Saturday, September 12, from 11:00 AM to 1:00 PM, Jason Cooley and Barry Warthen, both Los Alamos National Laboratory researchers, will be appearing at the museum. Cooley will talk about metallurgy and present an activity in which participants can try low-temperature welding. Warthen will display his traveling “Explosionarium” and demonstrate how we use flash photography and flash radiography to learn more about explosives.

Join us every second Saturday of the month for *Scientist in the Spotlight*, a program featuring scientists that have been certified for public outreach through the museum’s Scientist Ambassador Academy. These scientists talk with museum visitors for a couple of hours about their favorite science, technology, engineering, or math (STEM) subject. Conversations are intended for all ages and include interactive hands-on activities that make learning easy and fun. To learn more, visit: <http://www.lanl.gov/museum/participate/scientist-ambassadors.php>



## SCIENCE ON TAP

SEPT. 17

5:30 – 7:00pm

15 minute talk and group discussion hosted by  
**Bradbury Science Museum**

creative  
LOS ALAMOS

## Understanding HIV and Infectious Diseases

Since the beginning of the current pandemic, human immunodeficiency virus (HIV) has infected more than 78 million people, and 39 million have died. In the world, more than 35 million people are currently living with HIV. These grim numbers make HIV one of the most devastating infectious diseases in memory. Fortunately, very significant steps have been made toward understanding and combating this disease. We know a lot about the mechanisms of viral propagation and pathogenesis. There are many approved medications, and a vaccine—although still not available—is ever closer.

A scientist in the Los Alamos National Laboratory's theoretical biology and biophysics group, **Ruy Ribeiro** has been working for more than a decade on understanding the virus and the immune response against it. In this *Science on Tap*, Ribeiro will discuss why conquering this infection has been so difficult and why, now, there is reason for cautious optimism. The talk will be held on **Thursday, September 17**, beginning at 5:30 pm at UnQuarked Wine Room in downtown Los Alamos, NM. *Science on Tap* happens every third Thursday of the month and begins with an informal 15-minute talk followed by a lively group discussion.

## Scenes From Robotics Night

*Nearly 600 people visited the museum on Friday night, August 28, to enjoy the robotics shows and activities provided courtesy of Los Alamos National Laboratory, University of New Mexico – Los Alamos, FIRST Robotics, FIRST LEGO League and many other local enthusiasts. Thank you to everyone who supported this event!*



## Collections NEWS



When you visit the supercomputing exhibit at the Bradbury, you will notice a mention of the High-Performance Parallel Interface (HIPPI) computer bus. It was introduced by the Laboratory in 1987 as a data-transfer system to remove communications roadblocks in parallel and cluster computing. The museum has had a photo on display, but did not have an actual system until one was recently sent to us by a Lab manager who was retiring. We appreciate that he rescued this true artifact and would like to encourage everyone to consider calling the Bradbury when you know about old Laboratory-related equipment or memorabilia that should be preserved.

*Small enough to fit in a (1980's-era) briefcase, the HIPPI board arrived with ribbon cords, 3½-inch floppy disks (which are relics on their own!), and a small packet of spare computer chips.*

To subscribe to our monthly newsletter, visit the museum's website at:  
<http://www.lanl.gov/museum/events/events-mailing.php>

Subscribe  
to our  
Newsletter

## Mark Your Calendars!

# September 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7 Labor Day	8	9	10	11 A	12 Scientists in the Spotlight 11:00 AM to 1:00 PM
13	14 Rosh Hashanah	15	16	17 Science on Tap @ UnQuarked Wine Room 5:30 to 7:00 PM B	18 B	19
20	21	22	23 Yom Kippur	24	25 Fourth Fridays Downtown Museum Open Late Until 6:00 PM A	26
27	28	29	30			

## About the Museum

Bradbury Science Museum is located at 1350 Central Avenue in downtown Los Alamos, New Mexico. Approximately 40 interactive exhibits trace the history of the WWII Manhattan Project, highlight Los Alamos National Laboratory's current and historic research projects related to defense and technology, and focus on Laboratory research related to energy, environment, infrastructure, health and global security concerns.

### MUSEUM HOURS:

Sunday & Monday: 1:00 PM to 5:00 PM, Tuesday – Saturday: 10:00 AM to 5:00 PM

